

# WEST Search History for Application 10524190

Creation Date: 2010111812:58

## Prior Art Searches

| Query  | DB            | Op. | Plur. | Thes. | Date       |
|--|---------------|-----|-------|-------|------------|
| 20020102673.pn.  | PGPB,<br>USPT | ADJ | YES   |       | 10-08-2009 |
| (biogas same (anaerobic same (digestion or process or bacteria)) ) same ((US-20020102673-A1)!:[did] )  | PGPB,<br>USPT | ADJ | YES   |       | 10-08-2009 |
| (biogas same (anaerobic same (digestion or process or bacteria)) ) and ((US-20020102673-A1)!:[did] )   | PGPB,<br>USPT | ADJ | YES   |       | 10-08-2009 |
| (biogas same (anaerobic same (digestion or process or bacteria)) and (US-20020102673-A1)!:[did] ) and ((biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) )  | PGPB,<br>USPT | ADJ | YES   |       | 10-08-2009 |
| (biogas same (anaerobic same (digestion or process or bacteria)) and (US-20020102673-A1)!:[did] and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) ) and ((biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) )  | PGPB,<br>USPT | ADJ | YES   |       | 10-08-2009 |
| (biogas same (anaerobic same (digestion or process or bacteria)) and (US-20020102673-A1)!:[did] and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) ) and ((slurry or mixtur\$7 or (reaction solution) or feed) same ((solids same (loading or total or weight))) ) | PGPB,<br>USPT | ADJ | YES   |       | 10-08-2009 |
| (biogas same (anaerobic same (digestion or process or bacteria)) and (US-20020102673-A1)!:[did] and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) and (slurry or mixtur\$7 or   | PGPB,<br>USPT | ADJ | YES   |       | 10-08-2009 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| (reaction solution) or feed) same ((solids same (loading or total or weight))) and (solids or (total solids) or (solid loading))  |            |     |     |  |            |
| (biogas same (anaerobic same (digestion or process or bacteria)) and (US-20020102673-A1)! [did] and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) and (slurry or mixtur\$7 or (reaction solution) or feed) same ((solids same (loading or total or weight))) and (solids or (total solids) or (solid loading)) ) and mixture   | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (biogas same (anaerobic same (digestion or process or bacteria)) and (US-20020102673-A1)! [did] and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) and (slurry or mixtur\$7 or (reaction solution) or feed) same ((solids same (loading or total or weight))) and (solids or (total solids) or (solid loading)) and mixture ) and (ground or milled)                                      | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (biogas same (anaerobic same (digestion or process or bacteria)) and (US-20020102673-A1)! [did] and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) and (slurry or mixtur\$7 or (reaction solution) or feed) same ((solids same (loading or total or weight))) and (solids or (total solids) or (solid loading)) and mixture and (ground or milled) ) and (pellet or granule or Granul\$7) | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (biogas same (anaerobic same (digestion or process or bacteria)) and (US-20020102673-A1)! [did] and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) and (slurry or mixtur\$7 or (reaction solution) or feed) same ((solids same (loading or total or weight))) and (solids or (total solids) or (solid loading)) and mixture and (ground or milled) ) and (dry                             | PGPB, USPT | ADJ | YES |  | 10-08-2009 |

| feed)   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| (biogas same (anaerobic same (digestion or process or bacteria)) and (US-20020102673-A1)!{did} and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) and (slurry or mixtur\$7 or (reaction solution) or feed) same ((solids same (loading or total or weight))) and (solids or (total solids) or (solid loading)) and mixture and (ground or milled) and (dry feed) ) and (organic and (waste or material or substrate or matter) or (dry solids)) | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (biogas same (anaerobic same (digestion or process or bacteria)) and (US-20020102673-A1)!{did} and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) and (slurry or mixtur\$7 or (reaction solution) or feed) same ((solids same (loading or total or weight))) and (solids or (total solids) or (solid loading)) and mixture and (ground or milled) and (dry feed) ) and ((organic substrate) or matter)  | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| 6342378.pn.   | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (6342378.pn. ) and (biogas same (anaerobic same (digestion or process or bacteria)) )   | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (6342378.pn. and biogas same (anaerobic same (digestion or process or bacteria)) ) and ((biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) )  | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (6342378.pn. and biogas same (anaerobic same (digestion or process or bacteria)) and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) )   | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (6342378.pn. and biogas same (anaerobic same (digestion or process or bacteria)) and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) ) and   | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (6342378.pn. and biogas same (anaerobic same (digestion or process or bacteria)) and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) ) and   | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (6342378.pn. and biogas same (anaerobic same (digestion or process or bacteria)) and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) ) and   | PGPB, USPT | ADJ | YES |  | 10-08-2009 |

|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| (residue or waste or surplus or grain or solids))) ) and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) )  |            |     |     |  |            |
| (6342378.pn. and biogas same (anaerobic same (digestion or process or bacteria)) and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) ) and ((biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) )  | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| (6342378.pn. and biogas same (anaerobic same (digestion or process or bacteria)) and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biogas or methane or (fuel gas)) same ((organic matter) or (agricultur\$4 same (residue or waste or surplus or grain or solids))) and (biomass or ((agricultur\$7 same (residue or waste or surplus or grains or feedstock or crop\$4))) same (mash\$8 or \$7mill\$8 or grind\$7 or chop\$9 or reduc\$9 or (particle saize))) ) and ((slurry or mixtur\$7 or (reaction solution) or feed) same ((solids same (loading or total or weight))) ) | PGPB, USPT | ADJ | YES |  | 10-08-2009 |
| 20020102673.pn.  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| dry or pellet  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| particle size  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (particle size ) and (dry or pellet )  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (particle size and dry or pellet ) and (20020102673.pn. )  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| pellet or granule  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (pellet or granule ) and (20020102673.pn. )  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| dry near5 pellet   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| 4652374.pn.  |            | ADJ | YES |  | 10-11-2009 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
|   | PGPB,<br>USPT |     |     |  |            |
| (4652374.pn. ) and (dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4652374.pn. and dry or pellet ) and (particle size )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4652374.pn. and dry or pellet and particle size ) and<br>(pellet or granule )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4652374.pn. and dry or pellet and particle size ) and<br>(dry near5 pellet )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| pellet or pelletized or pelletised  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (pellet or pelletized or pelletised ) and (4652374.pn. and<br>dry or pellet and particle size )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| pellet and (4652374.pn. )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| 4386159.pn.   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4386159.pn. ) and (pellet or pelletized or pelletised )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (organic matter) or biomass or (green biomass)  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass ) same<br>(dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet ) same (particle size )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size ) same (pellet or granule )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (dry near5 pellet )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (pellet or pelletized or pelletised )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule<br>same pellet or pelletized or pelletised ) same ((organic<br>matter) or biomass or (green biomass) same dry or pellet<br>same particle size same pellet or granule same dry near5 | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
| pellet )  |               |     |     |  |            |
| biogas or methane or (fuel gas)   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (biogas or methane or (fuel gas) ) same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (biogas or methane or (fuel gas) same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) Same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (biogas or methane or (fuel gas) same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule Same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised ) same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same dry near5 pellet ) | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) ) and (particle size and dry or pellet and 20020102673.pn. )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) and particle size and dry or pellet and 20020102673.pn. ) and (biogas or methane or (fuel gas) )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4652374.pn. ) and (pellet or granule )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4652374.pn. ) and (pellet or pelletized or pelletised )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4652374.pn. ) and ((organic matter) or biomass or (green biomass) )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4652374.pn. ) and (biogas or methane or (fuel gas) )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4386159.pn. ) and (pellet or granule )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4386159.pn. ) and (pellet or pelletized or pelletised )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4386159.pn. ) and ((organic matter) or biomass or (green biomass) )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| (4386159.pn. and (organic matter) or biomass or (green biomass) ) and (biogas or methane or (fuel gas) )  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| 4252901.pn.   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (4252901.pn. ) and (particle size and dry or pellet )   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (4252901.pn. and particle size and dry or pellet ) and (pellet or granule )   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (4252901.pn. and particle size and dry or pellet ) and (pellet or pelletized or pelletised )  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (4252901.pn. and particle size and dry or pellet ) and ((organic matter) or biomass or (green biomass) )  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (4252901.pn. and particle size and dry or pellet ) and (biogas or methane or (fuel gas) )   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (4252901.pn. ) and (dry or pellet )   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (4252901.pn. and dry or pellet ) and (particle size )   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (4252901.pn. ) and (pellet or pelletized or pelletised )  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| pelletized near5 (green matter)   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| hay   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (hay ) same (pellet or pelletized or pelletised )   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (hay same pellet or pelletized or pelletised ) same (biogas or methane or (fuel gas) )  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (hay same pellet or pelletized or pelletised same biogas or methane or (fuel gas) ) same ((organic matter) or biomass or (green biomass) )                    | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (hay same pellet or pelletized or pelletised same biogas or methane or (fuel gas) same (organic matter) or biomass or (green biomass) ) same (particle size ) | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| biogas  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (biogas ) same (hay same pellet or pelletized or pelletised )   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |

|  |               |     |     |  |            |
|--|---------------|-----|-----|--|------------|
| methane  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (methane ) same (hay same pellet or pelletized or pelletised )                     | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| methane production   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (methane production ) same (hay same pellet or pelletized or pelletised )          | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| pelletized near5 (organic matter)  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| pellet\$7 near5 (hay or(organic matter))   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (biogas ) same (methane production )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (biogas same methane production ) same (pellet\$7 near5 (hay or(organic matter)) ) | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (biogas same methane production ) and (pellet\$7 near5 (hay or(organic matter)) )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (methane production ) and (hay same pellet or pelletized or pelletised )           | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| 20020102673.pn.  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| dry or pellet  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| particle size  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (particle size ) and (dry or pellet )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (particle size and dry or pellet ) and (20020102673.pn. )                          | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| pellet or granule  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (pellet or granule ) and (20020102673.pn. )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| dry near5 pellet   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| 4652374.pn.  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |



|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
| (4652374.pn. ) and (dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4652374.pn. and dry or pellet ) and (particle size )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4652374.pn. and dry or pellet and particle size ) and (pellet or granule )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4652374.pn. and dry or pellet and particle size ) and (dry near5 pellet )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| pellet or pelletized or pelletised  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (pellet or pelletized or pelletised ) and (4652374.pn. and dry or pellet and particle size )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| pellet and (4652374.pn. )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| 4386159.pn.   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (4386159.pn. ) and (pellet or pelletized or pelletised )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| (organic matter) or biomass or (green biomass)  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) ) same (dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) same dry or pellet ) same (particle size )  | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size ) same (pellet or granule )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) same (dry near5 pellet )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) same (pellet or pelletized or pelletised )   | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised ) same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same dry near5 pellet ) | PGPB,<br>USPT | ADJ | YES |  | 10-11-2009 |
| biogas or methane or (fuel gas)   | PGPB,         | ADJ | YES |  | 10-11-2009 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
|   | USPT       |     |     |  |            |
| (biogas or methane or (fuel gas) ) same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule )  | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (biogas or methane or (fuel gas) same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) Same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised )   | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| (biogas or methane or (fuel gas) same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule Same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised ) same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same dry near5 pellet ) | PGPB, USPT | ADJ | YES |  | 10-11-2009 |
| 20020102673.pn.   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| dry or pellet   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| particle size   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| (particle size ) and (dry or pellet )   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| (particle size and dry or pellet ) and (20020102673.pn. )   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| pellet or granule   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| dry near5 pellet  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| 4652374.pn.   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| (4652374.pn. ) and (dry or pellet )   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| (4652374.pn. and dry or pellet ) and (particle size )   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| (4652374.pn. and dry or pellet and particle size ) and (dry near5 pellet )  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| pellet or pelletized or pelletised  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| 4386159.pn.   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| (organic matter) or biomass or (green biomass)  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) ) same (dry or pellet )   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) same dry or pellet ) same (particle size )  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size ) same (pellet or granule )   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) same (dry near5 pellet )   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) same (pellet or pelletized or pelletised )   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised ) same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same dry near5 pellet )                | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| biogas or methane or (fuel gas)   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| (biogas or methane or (fuel gas) ) same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule )  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| (biogas or methane or (fuel gas) same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) Same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised ) | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) ) and (particle size and dry or pellet and 20020102673.pn. )  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) and particle size and dry or pellet and 20020102673.pn. ) and   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |

|  |               |     |     |  |            |
|--|---------------|-----|-----|--|------------|
| (biogas or methane or (fuel gas) )   |               |     |     |  |            |
| (4652374.pn. ) and (biogas or methane or (fuel gas) )  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4386159.pn. ) and ((organic matter) or biomass or (green biomass) )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4386159.pn. and (organic matter) or biomass or (green biomass) ) and (biogas or methane or (fuel gas) )                                   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| 4252901.pn.  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4252901.pn. ) and (particle size and dry or pellet )  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4252901.pn. and particle size and dry or pellet ) and (biogas or methane or (fuel gas) )  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4252901.pn. ) and (dry or pellet )  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4252901.pn. and dry or pellet ) and (particle size )  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| pelletized near5 (green matter)  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| hay  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (hay ) same (pellet or pelletized or pelletised )  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (hay same pellet or pelletized or pelletised ) same (biogas or methane or (fuel gas) )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (hay same pellet or pelletized or pelletised same biogas or methane or (fuel gas) ) same ((organic matter) or biomass or (green biomass) ) | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| biogas   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| methane  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (methane ) same (hay same pellet or pelletized or pelletised )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| methane production   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| pelletized near5 (organic matter)  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
| pellet\$7 near5 (hay or(organic matter))  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (biogas ) same (methane production )  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (methane production ) and (hay same pellet or pelletized<br>or pelletised )                     | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| 20020102673.pn.   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| dry or pellet   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| particle size   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (particle size ) and (dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (particle size and dry or pellet ) and (20020102673.pn. )                                       | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| pellet or granule   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (pellet or granule ) and (20020102673.pn. )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| dry near5 pellet  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| 4652374.pn.   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4652374.pn. ) and (dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4652374.pn. and dry or pellet ) and (particle size )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4652374.pn. and dry or pellet and particle size ) and<br>(pellet or granule )                  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4652374.pn. and dry or pellet and particle size ) and<br>(dry near5 pellet )                   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| pellet or pelletized or pelletised  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (pellet or pelletized or pelletised ) and (4652374.pn. and<br>dry or pellet and particle size ) | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| pellet and (4652374.pn. )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |

|  |               |     |     |  |            |
|--|---------------|-----|-----|--|------------|
| 4386159.pn.  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (4386159.pn. ) and (pellet or pelletized or pelletised )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (organic matter) or biomass or (green biomass)   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) ) same<br>(dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet ) same (particle size )  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size ) same (pellet or granule )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (dry near5 pellet )  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (pellet or pelletized or pelletised )  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule<br>same pellet or pelletized or pelletised ) same ((organic<br>matter) or biomass or (green biomass) same dry or pellet<br>same particle size same pellet or granule same dry near5<br>pellet )                | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| biogas or methane or (fuel gas)  | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (biogas or methane or (fuel gas) ) same ((organic matter)<br>or biomass or (green biomass) same dry or pellet same<br>particle size same pellet or granule )   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (biogas or methane or (fuel gas) same (organic matter) or<br>biomass or (green biomass) same dry or pellet same<br>particle size same pellet or granule ) Same ((organic<br>matter) or biomass or (green biomass) same dry or pellet<br>same particle size same pellet or granule same pellet or<br>pelletized or pelletised ) | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (organic matter) or biomass or (green biomass) or<br>((agricultural or food) same (waste or residue or surplus<br>or (non-crop material)) or (manure same (animal or<br>poultry or cattle)))   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |
| (ground or chopped or comminuted) same (pellet or<br>pelletized or pelletised or \$8pellet\$5)   | PGPB,<br>USPT | ADJ | YES |  | 04-23-2010 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) same (dry or dried or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifuged or alfa laval)   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dried or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifuged or alfa laval) ) same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) )   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dried or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifuged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) ) same ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) )  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dried or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifuged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) same (deliquified or de-water or de-watered or de-water\$5) | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquified or de-water or de-watered or de-water\$5))   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquified or de-water or de-watered or de-water\$5)) ) same ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dried or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifuged or alfa laval) same (organic matter) or   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |

|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| biomass or (green biomass) or ((agricultural or food same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) )  |            |     |     |  |            |
| ((((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5)  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| digest or ferment or break-down  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| (digest or ferment or break-down ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| (digest or ferment or break-down ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) )  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food)   | PGPB, USPT | ADJ | YES |  | 04-23-2010 |



|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) )  |            |     |     |  |            |
| ( (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) or (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel))  | PGPB, USPT | ADJ | YES |  | 04-23-2010 |
| ((digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) or digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel)) ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or | PGPB, USPT | ADJ | YES |  | 04-23-2010 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| <p>\$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material))) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) )</p>   |            |     |     |  |            |
| <p>((digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material))) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material))) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) or digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material))) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel)) same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material))) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material))) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) same (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material))) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or</p> | PGPB, USPT | ADJ | YES |  | 04-23-2010 |

|   |                        |     |     |  |            |
|---|------------------------|-----|-----|--|------------|
| air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) |                        |     |     |  |            |
| (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)))  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (ground or chopped or comminuted) and(pellet or pelletized or pelletised or \$8pellet\$5)   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval)  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (deliquifi\$8 or de-water or de-watered or de-water\$5)   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) ) and ((hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) ) and ((ground or chopped or comminuted) and(pellet or pelletized or pelletised or \$8pellet\$5) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) ) and ((dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |

|   |                        |     |     |  |            |
|---|------------------------|-----|-----|--|------------|
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5)  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| ((pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) )                                     | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| digest or ferment or break-down   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (digest or ferment or break-down ) and ((pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (digest or ferment or break-down ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| biogas or methane or (fuel gas) or (alternat\$5 fuel)   | USOC,                  | ADJ | YES |  | 04-23-2010 |

|  |                                 |     |     |  |            |
|--|---------------------------------|-----|-----|--|------------|
|  | EPAB,<br>JPAB,<br>DWPI          |     |     |  |            |
| (biogas or methane or (fuel gas) or (alternat\$5 fuel) ) and ( ( digest or ferment or break-down ) or ((pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) )   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 04-23-2010 |
| (biogas or methane or (fuel gas) or (alternat\$5 fuel) and (digest or ferment or break-down or (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) ) and (digest or ferment or break-down and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) ) | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 04-23-2010 |
| (biogas or methane or (fuel gas) or (alternat\$5 fuel) and (digest or ferment or break-down or (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) ) and digest or ferment or break-down and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) )  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 04-23-2010 |

|   |                        |     |     |  |            |
|---|------------------------|-----|-----|--|------------|
| or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) ) and (((deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) and (ground or chopped or comminuted) and(pellet or pelletized or pelletised or \$8pellet\$5) ) |                        |     |     |  |            |
| ((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE))))  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| ((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) ) AND (digest or ferment or break-down )   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| ((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down ) AND (biogas or methane or (fuel gas) or (alternat\$5 fuel) )   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (GREEN AGRICULTURAL) AND (WASTE OR ESIDUE)  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| SOLID AND DRY   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (SOLID AND DRY ) AND PELLET\$9  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (SOLID AND DRY AND PELLET\$9 ) AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| (SOLID AND DRY AND PELLET\$9 AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) ) AND  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |

|   |                        |     |     |  |            |
|---|------------------------|-----|-----|--|------------|
| (((dried or pelletized and (chopped or ground or comminuted))) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down )  |                        |     |     |  |            |
| (SOLID AND DRY AND PELLET\$9 AND (((dried or pelletized and (chopped or ground or comminuted))) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down ) AND (biogas or methane or (fuel gas) or (alternat\$5 fuel ) | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 04-23-2010 |
| 20020102673.pn.   | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| dry or pellet   | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| particle size   | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| (particle size ) and (dry or pellet )   | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| (particle size and dry or pellet ) and (20020102673.pn. )   | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| pellet or granule   | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| dry near5 pellet  | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| 4652374.pn.   | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| (4652374.pn. ) and (dry or pellet )   | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| (4652374.pn. and dry or pellet ) and (particle size )   | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| pellet or pelletized or pelletised  | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| 4386159.pn.   | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
| (organic matter) or biomass or (green biomass)  | PGPB, USPT             | ADJ | YES |  | 07-11-2010 |
|   |                        | ADJ | YES |  | 07-11-2010 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| ((organic matter) or biomass or (green biomass) ) same (dry or pellet )   | PGPB, USPT |     |     |  |            |
| ((organic matter) or biomass or (green biomass) same dry or pellet ) same (particle size )  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size ) same (pellet or granule )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) same (dry near5 pellet )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) same (pellet or pelletized or pelletised )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised ) same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same dry near5 pellet )                | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| biogas or methane or (fuel gas)   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (biogas or methane or (fuel gas) ) same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule )  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (biogas or methane or (fuel gas) same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) Same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised ) | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) ) and (particle size and dry or pellet and 20020102673.pn. )  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (4652374.pn. ) and (biogas or methane or (fuel gas) )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (4386159.pn. ) and ((organic matter) or biomass or (green biomass) )  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (4386159.pn. and (organic matter) or biomass or (green biomass) ) and (biogas or methane or (fuel gas) )  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| 4252901.pn.   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (4252901.pn. ) and (particle size and dry or pellet )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |



|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| (4252901.pn. and particle size and dry or pellet ) and (biogas or methane or (fuel gas) )  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (4252901.pn. ) and (dry or pellet )  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (4252901.pn. and dry or pellet ) and (particle size )  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| pelletized near5 (green matter)  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| hay  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (hay ) same (pellet or pelletized or pelletised )  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (hay same pellet or pelletized or pelletised ) same (biogas or methane or (fuel gas) )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (hay same pellet or pelletized or pelletised same biogas or methane or (fuel gas) ) same ((organic matter) or biomass or (green biomass) ) | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| biogas   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| methane  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (methane ) same (hay same pellet or pelletized or pelletised )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| methane production   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| pelletized near5 (organic matter)  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| pellet\$7 near5 (hay or(organic matter))   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (biogas ) same (methane production )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (methane production ) and (hay same pellet or pelletized or pelletised )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| 20020102673.pn.  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| dry or pellet  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| particle size  |            | ADJ | YES |  | 07-11-2010 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
|   | PGPB,<br>USPT |     |     |  |            |
| (particle size ) and (dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| (particle size and dry or pellet ) and (20020102673.pn. )   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| pellet or granule   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| dry near5 pellet  | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| 4652374.pn.   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| (4652374.pn. ) and (dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| (4652374.pn. and dry or pellet ) and (particle size )   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| pellet or pelletized or pelletised  | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| 4386159.pn.   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| (organic matter) or biomass or (green biomass)  | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) ) same<br>(dry or pellet )  | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet ) same (particle size )   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size ) same (pellet or granule )  | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (dry near5 pellet )   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (pellet or pelletized or pelletised )   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule<br>same pellet or pelletized or pelletised ) same ((organic<br>matter) or biomass or (green biomass) same dry or pellet<br>same particle size same pellet or granule same dry near5 | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
| pellet )  |               |     |     |  |            |
| biogas or methane or (fuel gas)   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| (biogas or methane or (fuel gas) ) same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule )  | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| (biogas or methane or (fuel gas) same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) Same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised )   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| ( (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)))   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5)   | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval)  | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) ) same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) )  | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) ) same ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |
| (( (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or  | PGPB,<br>USPT | ADJ | YES |  | 07-11-2010 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| de-watered or de-water\$5))   |            |     |     |  |            |
| ((((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) )  | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| ((((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) same (pellet or pelletized or pelletised or granul\$5 or granuliz\$5) | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| digest or ferment or break-down   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (digest or ferment or break-down ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or    | PGPB, USPT | ADJ | YES |  | 07-11-2010 |

|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| pelletised or granular or granulo\$ or granulo\$5 )  |            |     |     |  |            |
| (digest or ferment or break-down ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5) )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5) ) same (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5) )   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| ((digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5) ) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5) ) or (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5) ) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel)) | PGPB, USPT | ADJ | YES |  | 07-11-2010 |
| ((digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5) ) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5) ) or digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or   | PGPB, USPT | ADJ | YES |  | 07-11-2010 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel)) ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) )   |            |     |     |  |            |
| ((digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) or digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel)) same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or | PGPB, USPT | ADJ | YES |  | 07-11-2010 |

|   |                        |     |     |  |            |
|---|------------------------|-----|-----|--|------------|
| pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) same (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material))) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) |                        |     |     |  |            |
| (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (ground or chopped or comminuted) and(pellet or pelletized or pelletised or \$8pellet\$5)   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval)  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (deliquifi\$8 or de-water or de-watered or de-water\$5)   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) ) and ((hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) )   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) ) and ((dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged  | USOC, EPAB, JPAB,      | ADJ | YES |  | 07-11-2010 |

|   |                        |     |     |  |            |
|---|------------------------|-----|-----|--|------------|
| or alfa laval) ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) )  | DWPI                   |     |     |  |            |
| (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5)  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| ((pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| digest or ferment or break-down   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (digest or ferment or break-down ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) )   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| biogas or methane or (fuel gas) or (alternat\$5 fuel)   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (biogas or methane or (fuel gas) or (alternat\$5 fuel) ) and ( (digest or ferment or break-down ) or ((pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |



|  |                        |     |     |  |            |
|--|------------------------|-----|-----|--|------------|
| or (manure and (animal or poultry or cattle))) ) )   |                        |     |     |  |            |
| (biogas or methane or (fuel gas) or (alternat\$5 fuel) and (digest or ferment or break-down or (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) ) ) and (digest or ferment or break-down and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) ) ) | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| ((((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agriculturaL OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE))))))   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (((((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agriculturaL OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) ) AND (digest or ferment or break-down )   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (((((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agriculturaL OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) ) AND digest or ferment or break-down ) AND (biogas or methane or (fuel gas) or (alternat\$5 fuel) )   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| SOLID AND DRY  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (SOLID AND DRY ) AND PELLET\$9   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (SOLID AND DRY AND PELLET\$9 ) AND (((((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agriculturaL OR ORGANIC OR   | USOC, EPAB, JPAB,      | ADJ | YES |  | 07-11-2010 |

|  |                        |     |     |  |            |
|--|------------------------|-----|-----|--|------------|
| MUNICIPAL OR FOOD AND WASTE)))) )  | DWPI                   |     |     |  |            |
| (SOLID AND DRY AND PELLET\$9 AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) ) AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down )   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (SOLID AND DRY AND PELLET\$9 AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down ) AND (biogas or methane or (fuel gas) or (alternat\$5 fuel ) | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 07-11-2010 |
| (fruit juice) or juice   | USPT                   | ADJ | YES |  | 11-18-2010 |
| total solids   | USPT                   | ADJ | YES |  | 11-18-2010 |
| concentrate  | USPT                   | ADJ | YES |  | 11-18-2010 |
| 5554410.pn.  | USPT                   | ADJ | YES |  | 11-18-2010 |
| ((fruit juice) or juice ) same (total solids )   | USPT                   | ADJ | YES |  | 11-18-2010 |
| ((fruit juice) or juice same total solids ) same (concentrate )  | USPT                   | ADJ | YES |  | 11-18-2010 |
| juice same solids  | USPT                   | ADJ | YES |  | 11-18-2010 |
| (juice same solids ) same (concentrate )   | USPT                   | ADJ | YES |  | 11-18-2010 |
| (juice same solids same concentrate ) and (5554410.pn. )   | USPT                   | ADJ | YES |  | 11-18-2010 |
| juice same (concentrate same solids)   | USPT                   | ADJ | YES |  | 11-18-2010 |
| (juice same (concentrate same solids) ) and (5554410.pn. )   | USPT                   | ADJ | YES |  | 11-18-2010 |
| 20020102673.pn.  | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |
| dry or pellet  | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |
| particle size  | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |
| (particle size ) and (dry or pellet )  | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
| (particle size and dry or pellet ) and (20020102673.pn. )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| pellet or granule   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| dry near5 pellet  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| 4652374.pn.   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (4652374.pn. ) and (dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (4652374.pn. and dry or pellet ) and (particle size )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| pellet or pelletized or pelletised  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| 4386159.pn.   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (organic matter) or biomass or (green biomass)  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) ) same<br>(dry or pellet )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet ) same (particle size )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size ) same (pellet or granule )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (dry near5 pellet )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (pellet or pelletized or pelletised )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule<br>same pellet or pelletized or pelletised ) same ((organic<br>matter) or biomass or (green biomass) same dry or pellet<br>same particle size same pellet or granule same dry near5<br>pellet ) | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| biogas or methane or (fuel gas)   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (biogas or methane or (fuel gas) ) same ((organic matter)   | PGPB,         | ADJ | YES |  | 11-18-2010 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| or biomass or (green biomass) same dry or pellet same particle size same pellet or granule )  | USPT       |     |     |  |            |
| (biogas or methane or (fuel gas) same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) Same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised ) | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) ) and (particle size and dry or pellet and 20020102673.pn. )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) and particle size and dry or pellet and 20020102673.pn. ) and (biogas or methane or (fuel gas) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4652374.pn. ) and (biogas or methane or (fuel gas) )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4386159.pn. ) and ((organic matter) or biomass or (green biomass) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4386159.pn. and (organic matter) or biomass or (green biomass) ) and (biogas or methane or (fuel gas) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| 4252901.pn.   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4252901.pn. ) and (particle size and dry or pellet )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4252901.pn. and particle size and dry or pellet ) and (biogas or methane or (fuel gas) )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4252901.pn. ) and (dry or pellet )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4252901.pn. and dry or pellet ) and (particle size )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| pelletized near5 (green matter)   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| hay   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (hay ) same (pellet or pelletized or pelletised )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (hay same pellet or pelletized or pelletised ) same (biogas or methane or (fuel gas) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (hay same pellet or pelletized or pelletised same biogas or methane or (fuel gas) ) same ((organic matter) or   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
| biomass or (green biomass) )  |               |     |     |  |            |
| biogas  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| methane   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (methane ) same (hay same pellet or pelletized or<br>pelletised )           | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| methane production  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| pelletized near5 (organic matter)   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| pellet\$7 near5 (hay or(organic matter))                                    | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (biogas ) same (methane production )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (methane production ) and (hay same pellet or pelletized<br>or pelletised ) | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| 20020102673.pn.   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| dry or pellet   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| particle size   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (particle size ) and (dry or pellet )                                       | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (particle size and dry or pellet ) and (20020102673.pn. )                   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| pellet or granule   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| dry near5 pellet  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| 4652374.pn.   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (4652374.pn. ) and (dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (4652374.pn. and dry or pellet ) and (particle size )                       | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |

|  |               |     |     |  |            |
|--|---------------|-----|-----|--|------------|
| pellet or pelletized or pelletised   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| 4386159.pn.  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (organic matter) or biomass or (green biomass)   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) ) same<br>(dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet ) same (particle size )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size ) same (pellet or granule )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (dry near5 pellet )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (pellet or pelletized or pelletised )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule<br>same pellet or pelletized or pelletised ) same ((organic<br>matter) or biomass or (green biomass) same dry or pellet<br>same particle size same pellet or granule same dry near5<br>pellet )                | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| biogas or methane or (fuel gas)  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (biogas or methane or (fuel gas) ) same ((organic matter)<br>or biomass or (green biomass) same dry or pellet same<br>particle size same pellet or granule )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (biogas or methane or (fuel gas) same (organic matter) or<br>biomass or (green biomass) same dry or pellet same<br>particle size same pellet or granule ) Same ((organic<br>matter) or biomass or (green biomass) same dry or pellet<br>same particle size same pellet or granule same pellet or<br>pelletized or pelletised ) | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (organic matter) or biomass or (green biomass) or<br>((agricultural or food) same (waste or residue or surplus<br>or (non-crop material)) or (manure same (animal or<br>poultry or cattle)))   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (ground or chopped or comminuted) same (pellet or<br>pelletized or pelletised or \$8pellet\$5)   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |

|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval)   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) ) same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) ) same ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5))   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |

|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5)  |            |     |     |  |            |
| digest or ferment or break-down  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (digest or ferment or break-down ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (digest or ferment or break-down ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ( (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |



|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) or (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel))   |            |     |     |  |            |
| ((digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) or digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel)) ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
|  |            | ADJ | YES |  | 11-18-2010 |

|  |                |     |     |  |            |
|--|----------------|-----|-----|--|------------|
| <p>((digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) or digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel) same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) same (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) )</p> | PGPB,<br>USPT  |     |     |  |            |
| <p>(hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus</p>   | USOC,<br>EPAB, | ADJ | YES |  | 11-18-2010 |

|  |                                 |     |     |  |            |
|--|---------------------------------|-----|-----|--|------------|
| or (non-crop material)) or (manure and (animal or poultry or cattle)))   | JPAB,<br>DWPI                   |     |     |  |            |
| (ground or chopped or comminuted) and (pellet or pelletized or pelletised or \$8pellet\$5)   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval)   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (deliquifi\$8 or de-water or de-watered or de-water\$5)  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) ) and ((hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) )   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) ) and ((dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) )   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) )  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5)   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) ) | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |

|  |                                 |     |     |  |            |
|--|---------------------------------|-----|-----|--|------------|
| digest or ferment or break-down  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (digest or ferment or break-down ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) )   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| biogas or methane or (fuel gas) or (alternat\$5 fuel)  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (biogas or methane or (fuel gas) or (alternat\$5 fuel) ) and ( (digest or ferment or break-down ) or ((pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) )  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (biogas or methane or (fuel gas) or (alternat\$5 fuel) and (digest or ferment or break-down or (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) ) and (digest or ferment or break-down and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) ) | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |

|   |                        |     |     |  |            |
|---|------------------------|-----|-----|--|------------|
| (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE))))   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) ) AND (digest or ferment or break-down )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down ) AND (biogas or methane or (fuel gas) or (alternat\$5 fuel) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| SOLID AND DRY   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (SOLID AND DRY ) AND PELLET\$9  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (SOLID AND DRY AND PELLET\$9 ) AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (SOLID AND DRY AND PELLET\$9 AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) ) AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (SOLID AND DRY AND PELLET\$9 AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down ) AND (biogas or methane or (fuel gas) or (alternat\$5 fuel) ) | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| ("0.5") same (millimeter or ("mm"))   | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |

|   |                                 |     |     |  |            |
|---|---------------------------------|-----|-----|--|------------|
| ("3.0") same (millimeter or ("mm"))   | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |
| ((("3.0") same (millimeter or ("mm")) ) same (("0.5") same (millimeter or ("mm")) )   | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |
| ((("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) ) ame (particle size )   | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |
| ((("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) ) same (particle size )  | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |
| ((("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) same particle size ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) )  | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |
| ((("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) same particle size same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same ((digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) or digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel)) ) | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |
| ("0.5")and (millimeter or ("mm"))   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((("3.0")and (millimeter or ("mm"))   | USOC,<br>EPAB,<br>JPAB,         | ADJ | YES |  | 11-18-2010 |

|   |                        |     |     |  |            |
|---|------------------------|-----|-----|--|------------|
|   | DWPI                   |     |     |  |            |
| ((("3.0")and (millimeter or ("mm"))) ) and (("0.5")and (millimeter or ("mm"))) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| ((("3.0")and (millimeter or ("mm"))) and (("0.5")and (millimeter or ("mm"))) ) and (PArticle size)  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| ((hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) and (biogas or methane or (fuel gas) or (alternat\$5 fuel) )   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| ((hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) and biogas or methane or (fuel gas) or (alternat\$5 fuel) ) and (("3.0")and (millimeter or ("mm"))) and (("0.5")and (millimeter or ("mm"))) and (PArticle size) )                                      | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| ((hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) and biogas or methane or (fuel gas) or (alternat\$5 fuel) and (("3.0")and (millimeter or ("mm"))) and (("0.5")and (millimeter or ("mm"))) and (PArticle size) ) and (digest or ferment or break-down ) | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| 20030121851.pn.   | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |
| biogas or fuelgas or methane  | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |
| (biogas or fuelgas or methane ) same (20030121851.pn. )   | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |
| (biogas or fuelgas or methane ) same (("3.0") same (millimeter or ("mm"))) same (("0.5") same (millimeter or ("mm"))) same particle size )  | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle)))) ) same ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) )   | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |

|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) )                                       | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) ) | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| 435/41.ccls.   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| 435/42.ccls.   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| 435/166.ccls.  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| 435/170.ccls.  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| 210/600.ccls.  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| 210/603.ccls.  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (210/603.ccls. ) and (210/600.ccls. )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (435/41.ccls. ) and (435/42.ccls. )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (435/41.ccls. and 435/42.ccls. ) and (435/166.ccls. )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (435/41.ccls. and 435/42.ccls. ) and (435/170.ccls. )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
|  |            | ADJ | YES |  | 11-18-2010 |



|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| (435/41.ccls. and 435/42.ccls. and 435/170.ccls. ) and (210/603.ccls. )  | PGPB, USPT |     |     |  |            |
| (435/41.ccls. and 435/42.ccls. and 435/170.ccls. ) and (210/603.ccls. and 210/600.ccls. )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (435/41.ccls. and 435/42.ccls. ) and ("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) same particle size )                   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (435/41.ccls. and 435/42.ccls. and 435/170.ccls. ) and ("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) same particle size ) | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (210/600.ccls. ) and ("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) same particle size )                                   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (210/603.ccls. ) and ("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) same particle size )                                   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (fruit juice) or juice   | USPT       | ADJ | YES |  | 11-18-2010 |
| total solids   | USPT       | ADJ | YES |  | 11-18-2010 |
| concentrate  | USPT       | ADJ | YES |  | 11-18-2010 |
| 5554410.pn.  | USPT       | ADJ | YES |  | 11-18-2010 |
| ((fruit juice) or juice ) same (total solids )   | USPT       | ADJ | YES |  | 11-18-2010 |
| ((fruit juice) or juice same total solids ) same (concentrate )  | USPT       | ADJ | YES |  | 11-18-2010 |
| juice same solids  | USPT       | ADJ | YES |  | 11-18-2010 |
| (juice same solids ) same (concentrate )   | USPT       | ADJ | YES |  | 11-18-2010 |
| (juice same solids same concentrate ) and (5554410.pn. )   | USPT       | ADJ | YES |  | 11-18-2010 |
| juice same (concentrate same solids)   | USPT       | ADJ | YES |  | 11-18-2010 |
| (juice same (concentrate same solids) ) and (5554410.pn. )   | USPT       | ADJ | YES |  | 11-18-2010 |
| 20020102673.pn.  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| dry or pellet  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| particle size  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (particle size ) and (dry or pellet )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
| (particle size and dry or pellet ) and (20020102673.pn. )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| pellet or granule   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| dry near5 pellet  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| 4652374.pn.   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (4652374.pn. ) and (dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (4652374.pn. and dry or pellet ) and (particle size )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| pellet or pelletized or pelletised  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| 4386159.pn.   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (organic matter) or biomass or (green biomass)  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) ) same<br>(dry or pellet )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet ) same (particle size )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size ) same (pellet or granule )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (dry near5 pellet )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (pellet or pelletized or pelletised )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule<br>same pellet or pelletized or pelletised ) same ((organic<br>matter) or biomass or (green biomass) same dry or pellet<br>same particle size same pellet or granule same dry near5<br>pellet ) | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| biogas or methane or (fuel gas)   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (biogas or methane or (fuel gas) ) same ((organic matter)   | PGPB,         | ADJ | YES |  | 11-18-2010 |

|   |            |     |     |  |            |
|---|------------|-----|-----|--|------------|
| or biomass or (green biomass) same dry or pellet same particle size same pellet or granule )  | USPT       |     |     |  |            |
| (biogas or methane or (fuel gas) same (organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule ) Same ((organic matter) or biomass or (green biomass) same dry or pellet same particle size same pellet or granule same pellet or pelletized or pelletised ) | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) ) and (particle size and dry or pellet and 20020102673.pn. )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) and particle size and dry or pellet and 20020102673.pn. ) and (biogas or methane or (fuel gas) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4652374.pn. ) and (biogas or methane or (fuel gas) )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4386159.pn. ) and ((organic matter) or biomass or (green biomass) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4386159.pn. and (organic matter) or biomass or (green biomass) ) and (biogas or methane or (fuel gas) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| 4252901.pn.   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4252901.pn. ) and (particle size and dry or pellet )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4252901.pn. and particle size and dry or pellet ) and (biogas or methane or (fuel gas) )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4252901.pn. ) and (dry or pellet )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (4252901.pn. and dry or pellet ) and (particle size )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| pelletized near5 (green matter)   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| hay   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (hay ) same (pellet or pelletized or pelletised )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (hay same pellet or pelletized or pelletised ) same (biogas or methane or (fuel gas) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (hay same pellet or pelletized or pelletised same biogas or methane or (fuel gas) ) same ((organic matter) or   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
| <b>biomass or (green biomass) )</b>   |               |     |     |  |            |
| <b>biogas</b>   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>methane</b>  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>(methane ) same (hay same pellet or pelletized or pelletised )</b>           | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>methane production</b>   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>pelletized near5 (organic matter)</b>  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>pellet\$7 near5 (hay or(organic matter))</b>                                 | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>(biogas ) same (methane production )</b>                                     | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>(methane production ) and (hay same pellet or pelletized or pelletised )</b> | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>20020102673.pn.</b>  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>dry or pellet</b>  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>particle size</b>  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>(particle size ) and (dry or pellet )</b>                                    | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>(particle size and dry or pellet ) and (20020102673.pn. )</b>                | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>pellet or granule</b>  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>dry near5 pellet</b>   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>4652374.pn.</b>  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>(4652374.pn. ) and (dry or pellet )</b>                                      | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| <b>(4652374.pn. and dry or pellet ) and (particle size )</b>                    | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |

|  |               |     |     |  |            |
|--|---------------|-----|-----|--|------------|
| pellet or pelletized or pelletised   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| 4386159.pn.  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (organic matter) or biomass or (green biomass)   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) ) same<br>(dry or pellet )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet ) same (particle size )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size ) same (pellet or granule )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (dry near5 pellet )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule )<br>same (pellet or pelletized or pelletised )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) same<br>dry or pellet same particle size same pellet or granule<br>same pellet or pelletized or pelletised ) same ((organic<br>matter) or biomass or (green biomass) same dry or pellet<br>same particle size same pellet or granule same dry near5<br>pellet )                | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| biogas or methane or (fuel gas)  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (biogas or methane or (fuel gas) ) same ((organic matter)<br>or biomass or (green biomass) same dry or pellet same<br>particle size same pellet or granule )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (biogas or methane or (fuel gas) same (organic matter) or<br>biomass or (green biomass) same dry or pellet same<br>particle size same pellet or granule ) Same ((organic<br>matter) or biomass or (green biomass) same dry or pellet<br>same particle size same pellet or granule same pellet or<br>pelletized or pelletised ) | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (organic matter) or biomass or (green biomass) or<br>((agricultural or food) same (waste or residue or surplus<br>or (non-crop material)) or (manure same (animal or<br>poultry or cattle)))   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (ground or chopped or comminuted) same (pellet or<br>pelletized or pelletised or \$8pellet\$5)   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |

|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval)   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) ) same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) ) same ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5))   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ((((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |

|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) ) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5)  |            |     |     |  |            |
| digest or ferment or break-down  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (digest or ferment or break-down ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (digest or ferment or break-down ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) )  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) )   | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
| ( (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural  | PGPB, USPT | ADJ | YES |  | 11-18-2010 |

|  |            |     |     |  |            |
|--|------------|-----|-----|--|------------|
| or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) or (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel))   |            |     |     |  |            |
| ((digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) or digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel)) ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) | PGPB, USPT | ADJ | YES |  | 11-18-2010 |
|  |            | ADJ | YES |  | 11-18-2010 |



|  |             |     |     |  |            |
|--|-------------|-----|-----|--|------------|
| <p>((digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) or digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) or (alternat\$5 fuel) same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) same (digest or ferment or break-down same ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) same (organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$8pellet\$5) same (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) )</p> | PGPB, USPT  |     |     |  |            |
| <p>(hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus</p>   | USOC, EPAB, | ADJ | YES |  | 11-18-2010 |

|  |                                 |     |     |  |            |
|--|---------------------------------|-----|-----|--|------------|
| or (non-crop material)) or (manure and (animal or poultry or cattle)))   | JPAB,<br>DWPI                   |     |     |  |            |
| (ground or chopped or comminuted) and (pellet or pelletized or pelletised or \$8pellet\$5)   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval)   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (deliquifi\$8 or de-water or de-watered or de-water\$5)  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) ) and ((hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) )   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) ) and ((dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) )   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) )  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5)   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) ) | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |

|  |                                 |     |     |  |            |
|--|---------------------------------|-----|-----|--|------------|
| digest or ferment or break-down  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (digest or ferment or break-down ) and ((deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) )   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| biogas or methane or (fuel gas) or (alternat\$5 fuel)  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (biogas or methane or (fuel gas) or (alternat\$5 fuel) ) and ( (digest or ferment or break-down ) or ((pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) )  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| (biogas or methane or (fuel gas) or (alternat\$5 fuel) and (digest or ferment or break-down or (pellet or pelletized or pelletised or granular or granul\$5 or granuliz\$5) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) ) and (digest or ferment or break-down and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (dry or dri\$8 or dehydrated or sun-dried or air-dried or liquid-separated or solidified or centrifiged or alfa laval) and (deliquifi\$8 or de-water or de-watered or de-water\$5) and (hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle)))) ) ) | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |

|   |                        |     |     |  |            |
|---|------------------------|-----|-----|--|------------|
| (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE))))   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) ) AND (digest or ferment or break-down )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down ) AND (biogas or methane or (fuel gas) or (alternat\$5 fuel) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| SOLID AND DRY   | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (SOLID AND DRY ) AND PELLET\$9  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (SOLID AND DRY AND PELLET\$9 ) AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (SOLID AND DRY AND PELLET\$9 AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) ) AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down )  | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| (SOLID AND DRY AND PELLET\$9 AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND (((dried or pelletized and (chopped or ground or comminuted)) and ((organic or solid) and (agricultural OR ORGANIC OR MUNICIPAL OR FOOD AND WASTE)))) AND digest or ferment or break-down ) AND (biogas or methane or (fuel gas) or (alternat\$5 fuel) ) | USOC, EPAB, JPAB, DWPI | ADJ | YES |  | 11-18-2010 |
| ("0.5") same (millimeter or ("mm"))   | PGPB, USPT             | ADJ | YES |  | 11-18-2010 |

|  |                                 |     |     |  |            |
|--|---------------------------------|-----|-----|--|------------|
| ("3.0") same (millimeter or ("mm"))  | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |
| ((("3.0") same (millimeter or ("mm")) ) same (("0.5") same (millimeter or ("mm")) )  | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |
| ((("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) ) same (particle size )   | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |
| ((("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) same particle size ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquified or de-water or de-watered or de-watered)) ) | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |
| ("0.5")and (millimeter or ("mm"))  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ("3.0")and (millimeter or ("mm"))  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((("3.0")and (millimeter or ("mm")) ) and (("0.5")and (millimeter or ("mm")) )   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((("3.0")and (millimeter or ("mm")) and ("0.5")and (millimeter or ("mm")) ) and (Particle size)  | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) ) and (biogas or methane or (fuel gas) or (alternative fuel) )   | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| ((hay or organic matter) or biomass or (green biomass) or ((agricultural or food) and (waste or residue or surplus or (non-crop material)) or (manure and (animal or poultry or cattle))) and biogas or methane or (fuel gas) or (alternative fuel) ) and ((("3.0")and (millimeter or ("mm")) and ("0.5")and (millimeter or ("mm")) and (Particle size) )    | USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 11-18-2010 |
| 20030121851.pn.  | PGPB,<br>USPT                   | ADJ | YES |  | 11-18-2010 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
| biogas or fuelgas or methane  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (biogas or fuelgas or methane ) same ("3.0") same (millimeter or ("mm")) same ("0.5") same (millimeter or ("mm")) same particle size )  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) ) same ((ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$pellet\$5) )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$pellet\$5) ) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) )                                       | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (ground or chopped or comminuted) same (pellet or pelletized or pelletised or \$pellet\$5) same (((organic matter) or biomass or (green biomass) or ((agricultural or food) same (waste or residue or surplus or (non-crop material)) or (manure same (animal or poultry or cattle))) same (deliquifi\$8 or de-water or de-watered or de-water\$5)) ) same (biogas or methane or (fuel gas) ) | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (435/41).ccls.  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (435/42).ccls.  | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (435/166).ccls.   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (435/170).ccls.   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (210/600).ccls.   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| (210/603).ccls.   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |

|   |               |     |     |  |            |
|---|---------------|-----|-----|--|------------|
| ((210/603).ccls. ) and ((210/600).ccls. )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((435/41).ccls. ) and ((435/42).ccls. )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((435/41).ccls. and (435/42).ccls. ) and ((435/170).ccls. )   | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((435/41).ccls. and (435/42).ccls. and (435/170).ccls. ) and<br>(("3.0") same (millimeter or ("mm")) same ("0.5") same<br>(millimeter or ("mm")) same particle size ) | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((210/600).ccls. ) and (("3.0") same (millimeter or<br>("mm")) same ("0.5") same (millimeter or ("mm"))<br>same particle size )                                       | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |
| ((210/603).ccls. ) and (("3.0") same (millimeter or<br>("mm")) same ("0.5") same (millimeter or ("mm"))<br>same particle size )                                       | PGPB,<br>USPT | ADJ | YES |  | 11-18-2010 |